

Description

Basic Line Loader loads PCBs from magazines into the production line. It is equipped with an automatic magazine change for a quasi-continuing production process. It can easily be adapted to any magazine size. 3 to 5 magazines can be loaded in a row. The machine consists of a loading and unloading conveyor for magazines, a lifting axis with a magazine platform and an electrically-driven extractor. The extractor pushes the PCB out of the magazine and into the next system.

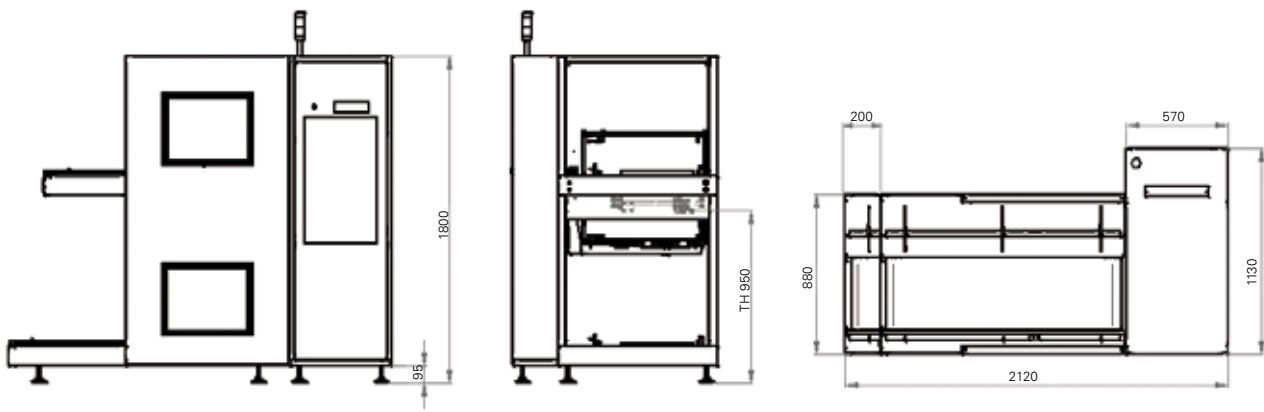
Features

- _ Electrical extractor with adjustable force limiter
- _ Automatic magazine change with pneumatic magazine clamping at bottom and top
- _ Variable magazine size
- _ Loading and unloading buffer on top of each other
- _ Plastic foil keyboard with display and text indicator
- _ Single-color signal lamp and horn
- _ SMEMA Interface
- _ Anti-static flat belt

Options

- _ Transport height 850 mm \pm 50 mm
- _ Transport direction from right to left
- _ Safety shutter at outlet
- _ Outlet conveyor
- _ Electrical width adjustment





BLO 04 Basic Line Loader for two magazines

ASYS Handling Equipment - Basic Series

Basic Series

BLO 04

Machine Configuration

Transport height	950 mm ± 50 mm
Max. transport width	460 mm
Interface	SMEMA
Transfer direction	from left to right
Operating side	Front of the machine
Fixed rail	Front of the machine

Magazine Size

Magazine length	355 mm
Magazine width	520 mm
Magazine height	568 mm
Slot spacing	5- 20 mm
Buffer spacing	1- 50 Slots
Magazine weight max.	40 kg
Magazine quantity	5 Magazines Magazine-length 355 mm (4 on transition belt) 4 Magazines Magazine-length 420 mm (3 on transition belt) 3 Magazines Magazine-length 535 mm (2 on transition belt)

Panel Dimensions

Panel length	70 to 460 mm
Panel width	50 to 460 mm
Panel thickness	0.8 to 4.5 mm
Component clearance	± 40 mm
Panel weight	to 3 kg

Installation Requirements

Power supply	230 V / 115 V, 50 / 60 Hz, ± 10%
Power supply system	L1 + N + PE
Power consumption	0,3 kW
Air supply	6 bar
Air consumption	5 NI/min

Machine Description

Length x Width x Height	2120 x 1130 x 1800 mm
Color ^{a)}	Basic Light
Noise Level	< 75 dB

Upgrades

Additional interface protocol
Automatic width adjustment
Machine networking via IC Net

a) RAL colors at a surcharge

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